

Converting Colors

XYZ(55.5044, 63.0585, 99.3726)

Have a look what the booklet for
XYZ(55.5044, 63.0585, 99.3726)
contains.

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Color

**XYZ(55.5215, 63.0818,
99.6922)**

Conversions

Conversions Part 1

Format	Color
Hex	9CD8FA
RGB	156, 216, 250
RGB Percent	61%, 85%, 98%
CMY	0.3882, 0.1529, 0.0196
CMYK	0.38, 0.14, 0.00, 0.02
HSL	202°, 90%, 80%
HSV	202°, 38%, 98%
XYZ	55.5215, 63.0818, 99.6922
YIQ	201.9360, -46.6740, -2.1460

Conversions

Conversions Part 2

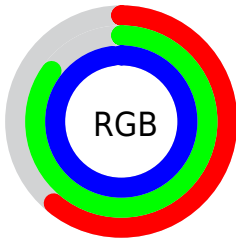
Format	Color
R _Y B	156, 193, 250
Decimal	10279162
CIE Lab	83.49, -10.85, -22.68
CIE LCh	83, 25.140, 244.439
Yxy	63.0818, 0.2543, 0.2890
Android (android.graphics.Color)	4288469242 (0xFF9CD8FA)
YUV	201.9360, 23.6956, -40.2859
Hunter-Lab	79.4241, -14.2114, -18.8233

Details

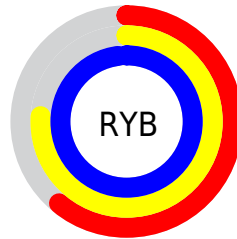
The XYZ color **55.5215, 63.0818, 99.6922** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **63.8397, 59.5523, 39.5844**, and the grayscale version is **55.9786, 58.8938, 64.1354**.

A 20% lighter version of the original color is **81.2506, 92.8861, 108.2542**, and **27.6260, 32.0493, 55.1822** is the 20% darker color. If you saturate the color by 10%, you get **48.9198, 56.3349, 98.7390**, and if you desaturate by 10%, it is **63.2503, 70.6018, 100.7375**.

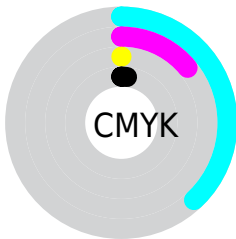
Distribution



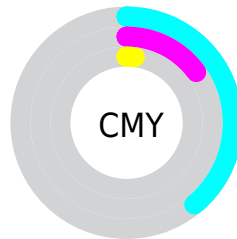
- Red (61%)
- Green (85%)
- Blue (98%)



- Red (61%)
- Yellow (76%)
- Blue (98%)



- Cyan (38%)
- Magenta (14%)
- Yellow (0%)
- Black (2%)



- Cyan (39%)
- Magenta (15%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.5215, 63.0818, 99.6922 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 55.5215, 63.0818, 99.6922 by changing the saturation by 10% instead.

■ 55.5215, 63.0818,
99.6922

■ 55.5215, 63.0818,
99.6922

397.9901,
435.8663, 580.4436

■ 40.0549, 45.9074,
75.4281

■ 97.4485, 109.2875,
162.7823

■ 27.7658, 32.1727,
55.4598

■ 124.6396,
139.0876, 202.4454

■ 18.2887, 21.4935,
39.3689

156.4696,
173.8650, 248.0785

■ 11.2584, 13.4852,
26.7368

193.3038,
214.0042, 300.1002

■ 6.3095, 7.7635,
17.1449

235.5076,
259.8896, 358.9290

■ 3.0766, 3.9440,
10.1748

283.4463,

■ 1.1944, 1.6423,

311.9054, 424.9835

5.4079

337.4854,
370.4362, 498.6822

■ 0.1019, 0.3859,
2.4256

■ 0.0000, 0.0000,
0.8004

■ 55.5215, 63.0818,
99.6922

■ 55.5215, 63.0818,
99.6922

■ 48.9198, 56.3349,
98.7390

■ 63.2503, 70.6018,
100.7375

■ 43.3755, 50.3180,
97.8698

■ 72.1583, 78.9206,
101.8736

■ 38.8204, 44.9941,
97.0823

■ 82.3017, 88.0712,
103.1053

■ 35.1746, 40.3190,
96.3720

■ 93.3602, 97.8915,
104.4179

■ 32.3445, 36.2412,
95.7341

■ 94.2555, 99.6822,
104.7164

■ 30.2071, 32.6938,
95.1621

■ 29.7535, 31.8982,
95.0324

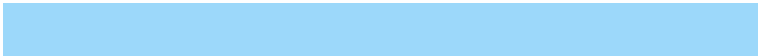
Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



51.6740, 63.0818, 87.2202



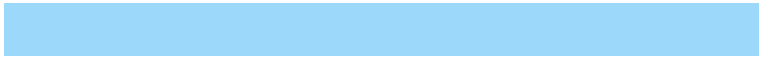
55.5215, 63.0818, 99.6922



60.7773, 63.0818, 103.4105

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



55.5215, 63.0818, 99.6922



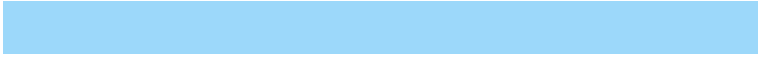
71.0977, 63.0818, 66.3740



54.1891, 63.0818, 46.6671

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



55.5215, 63.0818, 99.6922



63.8397, 59.5523, 39.5844

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



59.1448, 63.0818, 42.7603



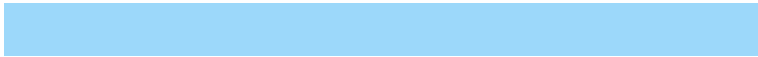
55.5215, 63.0818, 99.6922



69.0817, 63.0818, 52.9821

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



55.5215, 63.0818, 99.6922



69.9827, 63.0818, 82.5576



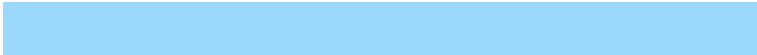
64.6234, 63.0818, 44.8835



50.9383, 63.0818, 56.4612

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



55.5215, 63.0818, 99.6922



64.4270, 63.0818, 100.0127



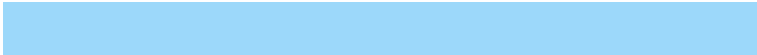
64.6234, 63.0818, 44.8835



55.6993, 63.0818, 44.6957

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



55.5235, 63.0842, 99.6937



82.3212, 88.7597, 107.4013



57.0719, 79.1103, 60.3508



17.3085, 18.7178, 22.9506



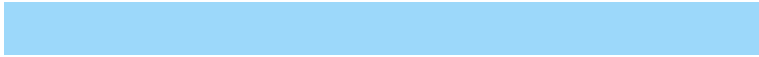
0.0000, 0.0000, 0.0000



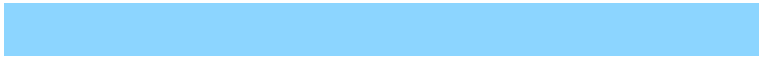
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



55.5235, 63.0842, 99.6937



52.8267, 60.6558, 103.5312



45.3608, 42.7589, 96.3061



17.2070, 18.4908, 22.0475



15.9235, 17.2025, 50.4547



1.5754, 1.7944, 4.7065

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



63.7092, 49.0606, 71.0802



62.7280, 44.9187, 68.6457



75.3931, 82.6590, 43.4355



17.7110, 17.4118, 20.3340



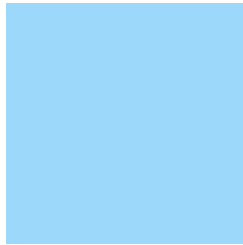
24.3295, 12.1475, 18.9751



2.3041, 1.1454, 2.0247

Previews

White Background



This preview shows how the XYZ color 55.5215, 63.0818, 99.6922 looks on a white background.

Color Contrast Check

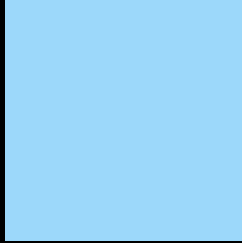
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 55.5215, 63.0818, 99.6922 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

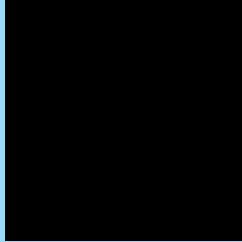
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.5215, 63.0818, 99.6922

Background



This preview shows how black text looks on a background with the XYZ color 55.5215, 63.0818, 99.6922.

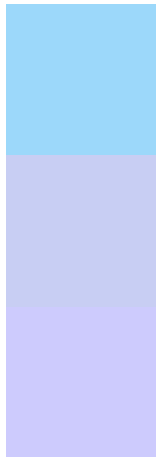


This preview shows how white text looks on a background with the XYZ color 55.5215, 63.0818,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

55.5215, 63.0818, 99.6922

Protanopia

62.0684, 62.8930, 93.6622

Deuteranopia

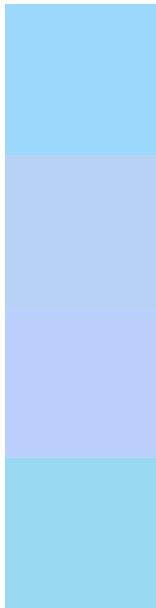
64.2624, 62.7829, 101.6598



Tritanopia

53.1606, 62.8743, 88.6910

Trichromacy



Original Color

55.5215, 63.0818, 99.6922

Protanomaly

59.4483, 62.9374, 96.2036

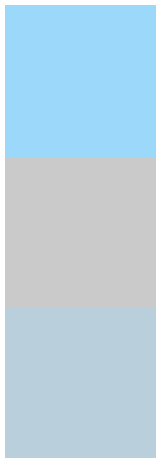
Deuteranomaly

60.6201, 62.7048, 101.0037

Tritanomaly

53.8269, 62.7489, 92.4939

Monochromacy



Original Color

55.5215, 63.0818, 99.6922

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

55.1066, 60.0544, 75.7051

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.5215, 63.0818, 99.6922 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(156, 216, 250)` looks like.

```
.text, #text, p{  
    color:rgb(156, 216, 250)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(156, 216, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 216, 250) }
```

Border

The CSS property to change the border of an element to XYZ 55.5215, 63.0818, 99.6922 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(156, 216, 250) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(156, 216, 250) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(156, 216, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 216, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 216, 250);  
box-shadow:4px 4px 4px 4px rgb(156, 216,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 55.5215, 63.0818, 99.6922 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 216, 250) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(156,  
216, 250) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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